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NLL Ref: 5809.51 1965 (TII/T. 5487)

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[4 Dec 62] 12p. (figs. omitted) 15 refs.

Order from SLA \$1.60

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DESCRIPTORS: *Sparks, Liquids, *Sound transmission, *Detonation waves, Measurement, *Piezoelectric transducers, Electric discharges, *Underwater sound.

The sound waves which are produced by sparkover in water are investigated by means of a piezoelectric receiver. The properties of the receiving probe are discussed. It could be shown that the electric voltage in the piezocrystal caused by the sound wave is proportional to the mean elastic strain inside the probe. It was found that the pressure increase at the front of (Physics--Acoustics, TT, v. 10, no. 2) (over)

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TT-66-10703

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IONS IN FUSED SALTS [Opredelenie Chisel Perenosy
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Order from OTS, SLA, or ETC \$4.60 TT-63-20752

- I. Title: Transport number
- I. Balmakov, Yu. V.
- II. Samusenko, S. P.
- III. RT-777

Trans. of [Politekhnikheskii Institut, Leningrad.
Trudy] (USSR) 1938, no. 1, p. 3-26.
Another trans. is available from SLA as RT-777, 42p.

DESCRIPTORS: *Fused materials, Ions, *Electrolysis,
Dissociation, Electrodes, Electrolytes, Lead com-
pounds, Potassium compounds, Chlorides.

(Chemistry--Physical, TT, v. 11, no. 3)

Office of Technical Services

TT-63-20758

I. Baimakov, Yu. V.
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7 refs

Order from OTS, SLA, or ETC \$2.60 TT-63-20758

Trans. of [Politekhmicheskii Institut, Leningrad.
Trudy] (USSR) 1938, no. 1, p. 36-48.

Another trans. is available from SLA as RT-776, 24p.

DESCRIPTORS: *Electrochemistry, *Fused materials,
*Salts, *Aluminum compounds, *Sodium compounds,
*Chlorides, *Electrolysis, Transport properties.

(Chemistry--Physical, TT, v. 11, no. 3)

Office of Technical Services

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ATS-27761R

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(USSR) 1958, v. 3, no. 4, p. 464-470.

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Metals.

(Metallurgy, TT, v. 8, no. 4)

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63-18655

Trans. of Politekh[nicheskii] Inst[itut] Leningrad.
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DESCRIPTORS: Fused materials, *Alkalic metal alloys,
*Potassium alloys, *Sodium alloys, Eutectics,
Electrolysis, Production, Chemical compounds, Melting.

(Metallurgy, IT, v. 10, no. 10)

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1. Title: Caustic alkalies

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Efficient Distribution of Reductions in Passes
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R. P. Evstigneeva, M. S. Bainova, N. A. Praprazhensky,

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CIS 70/Jul 55

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I-469/67

LA - Bolivia
Econ, Geog
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Order from SLA \$1.10 62-10101

Trans. of Z[eitschrift für] Anorg[anische] Chemie
(Germany) 1934, v. 217, p. 161-168.

DESCRIPTORS: Alkali metals, Fluorides, Nitrogen
compounds, Oxyfluorides, Borides, Chemical reactions

(Unannounced)

62-10101

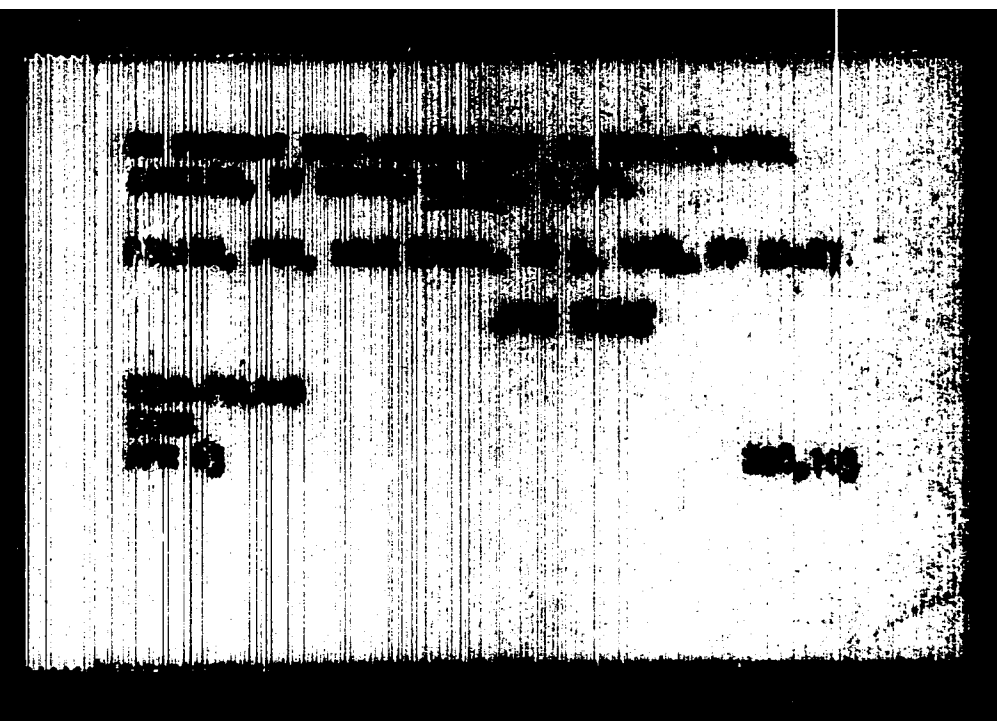
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Belgrade, Borba, 30 April, 1 and 2 May 1963

USSR-Yugoslavia

Daily Report
USSR & East Europe
No 89, 7 May 63

NCH-201 163

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